Under the Paperwork Reduction act of 1995, no persons are required to respond to

UTILITY
PATENT APPLICATION
TRANSMITTAL

Signature

o a concentration material and a second seco					
Attorney Docket No.	15005US04				
First Inventor	Agazzi				
Title	TIMING RECOVERY SYSTEM FOR A MULTI-PAIR GIGABIT TRANSCEIVER				
Express Mail Label No.	EL 848970519 US				

Date

November 3, 2003

(Orlly for new nonprovisional applications under 37 CFR 1.53(b)) Mail Stop Patent Application **Commissioner for Patents** APPLICATION ELEMENTS ADDRESS TO: P.O. Box 1450 See MPEP chapter 600 concerning utility patent application contents. Alexandria, VA 22313-1450 CD-ROM or CD-R in duplicate, large table or Fee Transmittal Form (e.g., PTO/SB/17) 1. 🖂 Computer Program (Appendix) (Submit an original and a duplicate for fee processing) Applicant claims small entity status. 8. Nucleotide and/or Amino Acid Sequence Submission See 37 CFR 1.27. (if applicable, all necessary) [Total Pages 48] Specification 3. 🛛 a. | Computer Readable Form (CRF) (preferred arrangement set forth below) -Descriptive title of the invention b. Specification Sequence Listing on: -Cross Reference to Related Applications -Statement Regarding Fed sponsored R&D i. CD-ROM or CD-R (2 copies); or -Reference to sequence listing, a table, or a computer program listing appendix

-Background of the Invention ii. Paper -Brief Description of the Drawings (if filed) Detailed Description c. Statements verifying identity of above copies -Claim(s) **ACCOMPANYING APPLICATION PARTS** -Abstract of the Disclosure Assignment Papers (cover sheet & documents(s)) 9. 37 CFR 3.73(b) Statement Power of 10. 4. Drawing(s) (35 U.S.C. 113) [Total Sheets 13] (when there is an assignee) Attomev English Translation Document (if applicable) [Total Sheets 2 ] 11. 5. Oath or Declaration Information Disclosure Copies of IDS 12. Newly executed (original or copy) Statement (IDS)/PTO-1449 Citations 13. 🖂 **Preliminary Amendment** b. Copy from a prior application (37 CFR 1.63(d)) Return Receipt Postcard (MPEP 503) (for continuation/divisional with Box 18 completed) (Should be specifically itemized) Certified Copy of Priority Document(s) **DELETION OF INVENTOR(S)** 15. (if foreign priority is claimed) Signed statement attached deleting inventor(s) Nonpublication Request under 35 U.S.C. 122(b) named in the prior application, see 37 CFR (2)(B)(i). Applicant must attach form PTO/SB/35 or 16. 1.63(d)(2) and 1.33(b). its equivalent. Application Data Sheet. See 37 CFR 1.76 17. 6  $\square$ 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76: ☐ Continuation-in-part (CIP) of prior application No.: 10/055,120 ☐ Continuation □ Divisional Prior application information: Examiner: J.B. Corrielus Art Unit: 2631 For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box b, is considered a part of the disclosure of the accompanying continuous or disclosured application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 19. CORRESPONDENCE ADDRESS 23446 Customer Number: OR Correspondence address below Name Address Zip Code State City Fax Telephone Country Registration No. (Attorney/Agent) 44,401 John A, Wiberg Name (Print/type)

Approved for use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction act of 1995, no persona are required to respond to a collection of information unless it displays a valid OMB control number.

## **FEE TRANSMITTAL** for FY 2004

Patent Fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$)770.00

C mplet	if Known
Application Number	unassigned
Filing Date	herewith
First Named Inventor	Agazzi
Examiner Name	J.B. Corrielus
Group Art Unit	2631
Attorney Docket No.	15005US04

METHOD OF PAYMENT				FEE CALCULATION (continued)								
1.   The Commissioner is hereby authorized to charge indicated fees and					3. ADDITIONAL FEES							
credit any overpayments to:			[ · · · · · · · · · · · · · · · · · · ·									
l .						$\neg$	1	Large Entit		Smal Entity		
Deposit Account				13-0017			Fee	Fee	Fee	Fee	,	Fee
Number				13-0017			Code	(\$)	Code	(\$)	Fee Description	Pald
Deposit			- 4		Mallari		1051	130	2051	65	Surcharge - late filing fee or oath	
Account Name		M	CAN	drews Held & I	vialioy	ļ	1052	50	2052	25	Surcharge - late provisional filing fee or cover	
	ne Any	Add	dition	al Fee Required Un	der 37 CFR 1	 .16 and 1.17	ļ				sheet	
				Il entity status.			1053	130	1053	130	Non-English specification	
	37 CFI						]					
2. ⊠ Payme	nt End	lose	ed:				1812	2,520		2,520	For filing a request for ex parte reexamination	
☑ Check ☐ Credit Card ☐ Money Order ☐ Other				1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action				
		F	EE (	CALCULATI	ON		1805	1,840	*1805	1,840*	Requesting publication of SIR after Examiner action	
1. BASIC FII	ING F	EE					1					
Large Entit			itity				1251	110	2251	55	Extension for reply within first month	
Fee Fee			Fee	Fee Description		Fee Paid	1252	420	2252	210	Extension for reply within second month	
Code (\$)		de					1253	950	2253	475	Extension for reply within third month	
1001 77	0 20	01	385	Utility filing Fee		770.00	1254	1,480	2254	740	Extension for reply within fourth month	
1002 34	0 20	02	170	Design filing Fee		1255	2,010	2255	1,005	Extension for reply within fifth month		
1003 53	0 20	03	265	5 Plant filing fee		1401	330	2401	165	Notice of Appeal		
1004 77	0 20	04	385	Reissue filing fee			1402	330	2402	165	Filing a brief in support of an appeal	
1005 16		05	80	Provisional filing f	ee.		1403	290	2403	145	Request for oral hearing	
1000 10		00	00	T TO VISIONAL IIII I G	-		1451	1,510		1510	Petition to institute a public use proceeding	ļ
SUBTOTAL (1) (\$)770.00			1452	110	2452	55 665	Petition to revive - unavoidable Petition to revive - unintentional					
					SUBTUTAL	(1) (\$) / / 0.00	1453 1501	1,330 1,330		665		<u> </u>
2. EXTRA CL	AIM F	EES					1502	480	2501	240	Utility issue fee (or reissue) Design issue fee	
					Fee from		1502	640	2502	320	Plant issue fee	
	_			Extra Claims	below	Fee Paid	1460	130	1460	130	Petitions to the Commissioner	
Total Claims	12	- 20	** =	Øχ	18.00 =	0.00	1807	50	1807	50	Processing fee under 37 CFR 1.17(g)	
Independent	_						1806	180	1806	180	Submission of Information Disclosure Stmt	
Claims Multiple Depe		3**	=	<b>0</b> ×	86.00 =	0.00	8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
Large Entit		II Es	titu				1809	770	2809	385	Filing a submission after final rejection (37 CFR § 1.129(a))	
Fee Fee Code (\$)	Fe		Fee	Fee Description			1810	770	2810	385	For each additional invention to be examined (37 CFR 1.129(b))	
1202 18			9	Claims in excess	of 20		1801	770	2801	385	Request for Continued Examination (RCE)	
1201 86			43	Independent daims in excess of 3		1802	900	1802	900	Request for expedited examination of a design application		
1203 29	0 22	03	145	Multiple dependent claim, if not paid		Other	Other fee (specify)		application			
1204 86 2204 43 **Reissue independent claims over original patent			.cc (sp	,								
1205 18	22	05	9	**Reissue claims i	in excess of 2	0						
SUBTOTAL (2) (\$)0.00												
**or number previously paid, if greater; For Reissues, see above				*Redu	ced by	Rasic Fil	ing Fee F	Paid SUBTOTAL (3) (\$	,			
or number previously pard, if greater, nor reissues, see above Reduced					ceu by	wast ril	y i ce r	300101AL (3) (3				

SUBMITTED BY Complete (if applicable)								
Name (Print/Type)	John A. Wiberg	(Attorney or Agent)		Telephone	312 775 8000			
Signature	Slin & 9	Date	November 3, 2003					